

CAIS 2000

Data Dictionary Version 1.2

March 2001

CAIS 2000 Table and Column Definitions

CAIS_INSPECTION_SOURCES

When inspections are performed on assets, a set of inspection standards is used to control the process. This is a lookup table for the various possible inspection standards, also known as sources.

Column List

Name	Type	P	M	Description
ISRC_KEY_SEQ	NUMBER(10)	Yes	Yes	The unique identifier for the inspection source.
ISRC_TYPE	VARCHAR2(7)	No	Yes	The type of inspection performed.
ISRC_VER	VARCHAR2(10)	No	Yes	The version of the inspection guidelines used for the inspection.
ISRC_TYPE_DESC	VARCHAR2(30)	No	No	A text description of the inspection type.
ISRC_VER_DESC	VARCHAR2(30)	No	No	A text description of the inspection version.
ISRC_DEFAULT	VARCHAR2(1)	No	No	A flag to indicate whether the record is the default inspection source.
ISRC_EFF_DATE	DATE	No	No	The date on which the inspection source record became effective.
ISRC_INEFF_DATE	DATE	No	No	The date on which the inspection source record became ineffective.

CAIS_INSPECTORS

Condition assessment surveys are performed by trained inspectors. During the process of logging into CAIS, the inspector must identify himself. This table contains all of the inspectors registered to perform inspections at the site. The information from this table is also used by various CAIS reports.

Original CAIS 3.5 Source Table: CAIS_SITE_INSPECTORS

Column List

Name	Type	P	M	Description
INSP_ID (<i>insp_id</i>)	VARCHAR2(30)	Yes	Yes	The unique identifier for the inspector. This can be any set of characters, but is usually the inspector's initials, badge number, or employee number.
INSP_NAME_FIRST (<i>insp_name_first</i>)	VARCHAR2(30)	No	No	The inspector's first name.
INSP_NAME_MI_1 (<i>insp_name_mi_1</i>)	VARCHAR2(1)	No	No	The inspector's middle initial.
INSP_NAME_MI_2 (<i>insp_name_mi_2</i>)	VARCHAR2(2)	No	No	The inspector's second middle initial.
INSP_NAME_LAST (<i>insp_name_last</i>)	VARCHAR2(30)	No	No	The inspector's last name.
INSP_TITLE (<i>insp_title</i>)	VARCHAR2(30)	No	No	The inspector's job title.
INSP_DEPARTMENT (<i>insp_department</i>)	VARCHAR2(30)	No	No	The name of the department for which the inspector works.
INSP_PHONE (<i>insp_phone</i>)	VARCHAR2(12)	No	No	The inspector's telephone number.
INSP_FAX (<i>insp_fax</i>)	VARCHAR2(12)	No	No	The inspector's fax number.
INSP_MOBILE (<i>new field</i>)	VARCHAR2(12)	No	No	The inspector's mobile phone number.
INSP_EMAIL (<i>new field</i>)	VARCHAR2(256)	No	No	The inspector's e-mail address.
INSP_EFF_DATE (<i>insp_eff_date</i>)	DATE	No	No	The date from which the inspector record should be considered effective.
INSP_INEFF_DATE (<i>insp_ineff_date</i>)	DATE	No	No	The date after which the inspector record should be considered ineffective.

CAIS_INSP_LIMIT

Inspectors may estimate the repair or replacement cost for an inspection unit. If the inspector estimated cost is less the value contained in this table, the inspector's estimate will become the official cost.

Column List

Name	Type	P	M	Description
INSPECTOR_LIMIT	NUMBER(14)	No	No	The value below which the inspector estimated cost will become the official cost.

CAIS_REPORTING_TABLE

This is a working table for costing reports.

Column List

Name	Type	P	M	Description
CSIT_ID	NUMBER(8)	No	No	The unique site ID.
CSIT_MNEUMONIC	VARCHAR2(6)	No	No	The mnemonic for the site.
CSIT_NAME	VARCHAR2(20)	No	No	The name of the site.
AREA_ID	VARCHAR2(5)	No	No	The unique area ID.
AREA_DESC	VARCHAR2(30)	No	No	The area description.
AS_ID	VARCHAR2(10)	No	No	The unique asset ID.
AS_ID_SUFFIX	VARCHAR2(4)	No	No	The asset ID suffix.
AS_NAME	VARCHAR2 (256)	No	No	The name of the asset.
IIU_KEY_SEQ	NUMBER(8)	No	No	The unique identifier for the inspected IU.
IIU_WLOC_KEY_SEQ	NUMBER(8)	No	No	This column is not used by CAIS 2000.
IIU_INSP_ID	VARCHAR2(30)	No	No	The inspector ID.
INSP_NAME_FIRST	VARCHAR2(30)	No	No	The inspector's first name.
INSP_NAME_LAST	VARCHAR2(30)	No	No	The inspector's last name.
DISC_DESC	VARCHAR2(30)	No	No	The discipline description.
IIU_WBS_KEY_SEQ	NUMBER(8)	No	No	The unique identifier for the WBS.
WBS_DESC	VARCHAR2(42)	No	No	The WBS description.
COMP_KEY_SEQ	NUMBER(8)	No	No	The unique identifier for the component.
COMP_DESC	VARCHAR2(40)	No	No	The component description.
COMP_UM_ABBR	VARCHAR2(12)	No	No	The component abbreviation.
IIU_AS_KEY_SEQ	NUMBER(8)	No	No	The unique asset identifier that is associated with the inspected IU.
IIU_TYPE_KEY_SEQ	NUMBER(8)	No	No	The unique identifier for the IU type.
TYPE_NAME	VARCHAR2(40)	No	No	The name of the type.
IIU_CSLT_CODE	VARCHAR2(10)	No	No	The location type code.
IIU_QTY	NUMBER(8)	No	No	The quantity of the IU.
IIU_EST_COST	NUMBER(8)	No	No	The inspector's estimated cost.
IIU_RECORD_DATE	DATE	No	No	The date of the inspection record.
IIU_COND_CODE	VARCHAR2(2)	No	No	The condition code.
COND_DESC	VARCHAR2(30)	No	No	The condition description.
IIU_URGT_CODE	VARCHAR2(2)	No	No	The urgency code.
URGT_NAME	VARCHAR2(20)	No	No	The urgency name.
IIU_RPCT_CODE	VARCHAR2(3)	No	No	The repair cause code.
RPCT_NAME	VARCHAR2(40)	No	No	The repair cause description.
IIU_OTHER_TYPE_DESC	VARCHAR2(40)	No	No	Additional type description.
IIU_COMMENT	VARCHAR2 (500)	No	No	The inspection comment.
IIU_OFFICIAL_COST	NUMBER(10)	No	No	The official cost resulting from an inspection.
SDEF_LIGHT_VALUE	VARCHAR2(3)	No	No	The percentage of the IU suffering light damage.
SDEF_MODERATE_VALUE	VARCHAR2(3)	No	No	The percentage of the IU suffering moderate damage.
SDEF_SEVERE_VALUE	VARCHAR2(3)	No	No	The percentage of the IU suffering severe damage.
SDEF_FAIL_VALUE	VARCHAR2(3)	No	No	The percentage of the IU that is failing.
SDEF_NSIP_IND	VARCHAR2(3)	No	No	A field indicating whether a non-

				standard inspection procedure was required.
SDEF_KEY_SEQ	NUMBER(8)	No	No	The unique identifier of the deficiency associated with the IU.
SDEF_COMMENT	VARCHAR2(2000)	No	No	The comment for the deficiency associated with the IU.
DEF_ORDER	NUMBER(8)	No	No	The order in which the deficiency appears.
DEF_CODE	VARCHAR2(2)	No	No	The unique identifier of the general deficiency.
DEFG_CODE	VARCHAR2(7)	No	No	The unique identifier of the deficiency group.
DEFG_DESC	VARCHAR2(40)	No	No	The deficiency description.
DEF_DESC_1	VARCHAR2(40)	No	No	Additional deficiency info.
PERSON_ID	NUMBER(8)	No	No	The unique ID of the user requesting the report.

CAIS_ROLES

This table contains the CAIS 2000 standard user roles.

Column List

Name	Type	P	M	Description
ROLE_SEQ	NUMBER(5)	Yes	Yes	The unique identifier for the role.
ROLE_NAME	VARCHAR2(20)	No	Yes	The name of the role.

CAIS_RPT_COST_CATEGORY

This is a lookup table for cost categories that appear in the costing reports. Examples include unit cost and repair base.

Column List

Name	Type	P	M	Description
COST_TYPE	NUMBER(2)	No	No	The code that identifies the type of the cost.
COST_CATEGORY_ID	NUMBER(2)	No	No	The code that identifies the category of the cost.
CATEGORY_NAME	VARCHAR2(40)	No	No	The name of the costing category.

CAIS_RPT_COST_WORK

This is a working table for costing reports in CAIS 2000. Calculated costs are stored here by the system and then placed in the reporting screens.

Column List

Name	Type	P	M	Description
PERSON_ID	NUMBER(8)	No	No	A unique identifier for the user who is running the costing report.
IU_KEY_SEQ	NUMBER(8)	No	No	The unique identifier of the inspected IU.
COST_CATEGORY_ID	NUMBER(2)	No	No	The code that identifies the category of the cost that has been calculated in the record.
EQUIPMENT_COST	NUMBER(14,2)	No	No	The equipment cost.
LABOR_COST	NUMBER(14,2)	No	No	The labor cost.
OVERHEAD_COST	NUMBER(14,2)	No	No	The overhead cost.
MATERIAL_COST	NUMBER(14,2)	No	No	The material cost.
TOTAL_COST	NUMBER(14,2)	No	No	The total cost.

CAIS_SITE_ACCESSES

Original CAIS 3.5 Source Table: CAIS_SITE_ACCESSES

Column List

Name	Type	P	M	Description
ACCT_CODE (<i>acct_code</i>)	VARCHAR2(4)	Yes	Yes	A unique identifier for the access description.
ACCT_ORDER (<i>acct_order</i>)	NUMBER(4)	No	Yes	The order in which the access records should appear to the user.
ACCT_DESC (<i>acct_desc</i>)	VARCHAR2(30)	No	No	A short description of the access requirements to inspect a specific IU.
ACCT_EFF_DATE (<i>acct_eff_date</i>)	DATE	No	No	The date from which the access should be considered effective.
ACCT_INEFF_DATE (<i>acct_ineff_date</i>)	DATE	No	No	The date after which the access should be considered in effective.

CAIS_SITE_AREAS

All site assets belong to a site area. The area is a geographic, functional, programmatic, or similar grouping of assets. The most common definition of area is a geographical subdivision of a site that contains assets.

Original CAIS 3.5 Source Table: CAIS_SITE_AREAS

Column List

Name	Type	P	M	Description
AREA_KEY_SEQ	NUMBER(5)	Yes	Yes	A number uniquely identifying the site area record. It is used as the primary key for this table.
AREA_ID (<i>area_id</i>)	VARCHAR2(5)	No	Yes	An alphanumeric code identifying the area of the site.
AREA_DESC	VARCHAR2(30)	No	No	The name of the area.

(area_desc)				
AREA_GADJ_KEY_SEQ (area_gadj_key_seq)	NUMBER(38)	No	No	The key of the geographical cost adjustor record associated with this area.
AREA_CSIT_ID	NUMBER(5)	No	No	The key of the site record associated with this area.
AREA_EFF_DATE (area_eff_date)	DATE	No	No	The date from which the area should be considered effective.
AREA_INEFF_DATE (area_ineff_date)	DATE	No	No	The date after which the area should be considered ineffective.

CAIS_SITE_AS_CUSTODIES

Each asset may have multiple “custodians”, or people responsible for various aspects of the asset, such as maintenance, operations, and security. This table stores the names of the asset custodians as recorded by the inspector during the inspection.

Original CAIS 3.5 Source Table: CAIS_SITE_AS_CUSTODIES

Column List

Name	Type	P	M	Description
ASCU_AS_KEY_SEQ (ascu_as_key_seq)	NUMBER(38)	Yes	Yes	A unique identifier for each custody record.
ASCU_CUCT_CODE (ascu_cuct_code)	VARCHAR2(2)	Yes	Yes	The code identifying the custodian title of the position filled by the person recorded in this record.
AS_KEY_SEQ	NUMBER(38)	No	No	The key of the asset to which this custody record belongs.
ASCU_NAME (ascu_name)	VARCHAR2(25)	No	No	The name of the person filling the indicated position.
ASCU_PHONE (ascu_phone)	VARCHAR2(12)	No	No	The telephone number of the person filling the indicated position.
ASCU_EXT (ascu_ext)	VARCHAR2(4)	No	No	The extension to the telephone number of the person filling the indicated position.
ASCU_EFF_DATE (ascu_eff_date)	DATE	No	No	The date that the custody record became effective.
ASCU_INEFF_DATE (ascu_ineff_date)	DATE	No	No	The date that the custody record became ineffective.

CAIS_SITE_ASSETS

This table holds detailed information about every asset for which a site is responsible.

Original CAIS 3.5 Source Table: CAIS_SITE_ASSETS

Column List

Name	Type	P	M	Description
AS_KEY_SEQ (as_key_seq)	NUMBER(38)	Yes	Yes	A number uniquely identifying the site asset

				record. It is used as the primary key for this table.
AS_UC_AC_CODE (as_uc_ac_code)	VARCHAR2(2)	No	Yes	The broad class to which this asset belongs. For example: buildings, bridges, parking lots, etc. From FIMS.
AS_UC_CODE (as_uc_code)	VARCHAR2(4)	No	Yes	The code for the primary function that classifies this asset. From FIMS.
AS_AREA_ID (as_area_id)	VARCHAR2(5)	No	Yes	The area of the site that contains the asset.
AS_ID (as_id)	VARCHAR2(10)	No	Yes	An alpha-numeric code identifying the site asset.
AS_ID_SUFFIX (as_id_suffix)	VARCHAR2(4)	No	Yes	An extension to the asset ID to help make subdivisions of major assets from RPIS unique
AS_NAME (as_name_1 + as_name_2)	VARCHAR2(256)	No	No	The name of the asset.
AS_COST_INIT_ACQ (as_cost_init_acq)	NUMBER(14)	No	No	The initial cost of acquisition of the asset.
AS_REPL_PLANT_VALUE (as_repl_plant_value)	NUMBER(14)	No	No	The current replacement plant value of the asset.
AS_REF_AS_KEY_SEQ	NUMBER(38)	No	No	This column currently has no use in CAIS 2000.
AS_ADF_CODE	VARCHAR2(4)	No	No	The default level of inspection to be performed on the asset.
AS_SPONSOR_CODE_1	VARCHAR2(9)	No	No	A code indicating a DOE program currently active in the asset.
AS_SPONSOR_SPACE_1	NUMBER(3)	No	No	The percentage of asset occupied by the program entered in the Sponsor Code 1 field.
AS_SPONSOR_CODE_2	VARCHAR2(9)	No	No	A code indicating a DOE program currently active in the asset.
AS_SPONSOR_SPACE_2	NUMBER(3)	No	No	The percentage of asset occupied by the program entered in the Sponsor Code 2 field.
AS_SPONSOR_CODE_3	VARCHAR2(9)	No	No	A code indicating a DOE program currently active in the asset.
AS_SPONSOR_SPACE_3	NUMBER(3)	No	No	The percentage of asset occupied by the program entered in the Sponsor Code 3 field.
AS_SPONSOR_CODE_4	VARCHAR2(9)	No	No	A code indicating a DOE program currently active in the asset.
AS_SPONSOR_SPACE_4	NUMBER(3)	No	No	The percentage of asset occupied by the program

				entered in the Sponsor Code 4 field.
AS_PRIMARY_MISSION_USAGE_CODE	VARCHAR2(4)	No	No	A code indicating the use for which the asset was constructed.
AS_EXPECTED_LIFE	NUMBER(4)	No	No	The number of years that this asset is expected to continue to be functional.
AS_END_USEFUL_LIFE	NUMBER(4)	No	No	The year that this asset is expected to cease being functional.
AS_OFFICIAL_COST	NUMBER(15,3)	No	No	A summary of official costs of all surveyed inspection units in this asset.
AS_SUMM_REPL_VALUE	NUMBER(15,3)	No	No	A summary of unit replacement values of all surveyed inspection units in this asset.
AS_FIMS_BUREAU_CODE	VARCHAR2(2)	No	No	A code, assigned by FIMS, corresponding to the DOE field office to which the site is assigned.
AS_FIMS_INSTALL_NUMBER	VARCHAR2(5)	No	No	A code, assigned by FIMS, corresponding to the geographic area of the site.
AS_FIMS_PROPERTY_ID	VARCHAR2(10)	No	No	A code, assigned by FIMS, which identifies the asset.
AS_SEIS_CODE	VARCHAR2(2)	No	No	Obsolete Seismic Information
AS_SEIX_CODE	VARCHAR2(2)	No	No	Obsolete Seismic Information
AS_SEIM_CODE	VARCHAR2(4)	No	No	Obsolete Seismic Information
AS_SEIH_CODE	VARCHAR2(2)	No	No	Obsolete Seismic Information
AS_SEISMIC_COMMENT	VARCHAR2(255)	No	No	Obsolete Seismic Information

CAIS_SITE_CMNT_TYPES

This table holds the site-developed comment types. A comment type provides a means for the inspectors to categorize their comments. This allows the CAIS administrator to report the comments based on their general purpose or content. Each comment in CAIS can have several comment types.

Original CAIS 3.5 Source Table: CAIS_SITE_CMNT_TYPES

Column List

Name	Type	P	M	Description
COMT_CODE (comt_code)	VARCHAR2(2)	Yes	Yes	The code used to uniquely identify a comment lookup record.
COMT_ORDER (comt_order)	NUMBER(4)	No	Yes	The order in which the comment type records should appear to the

				user.
COMT_NAME (comt_name)	VARCHAR2(15)	No	No	A short name describing the type, or purpose, of the comment.
COMT_EFF_DATE (comt_eff_date)	DATE	No	No	The date from which the comment type should be considered effective.
COMT_INEFF_DATE (comt_ineff_date)	DATE	No	No	The date after which the comment type should be considered ineffective.

CAIS_SITE_IMPORTANCES

This is a lookup table for standard importances.

Column List

Name	Type	P	M	Description
IMPT_CODE	VARCHAR2(4)	Yes	Yes	The code used to uniquely identify an importance lookup record.
IMPT_ORDER	NUMBER(4)	No	Yes	The order in which the importance records should appear to the user.
IMPT_NAME	VARCHAR2(30)	No	No	A short name or description of the IU's importance to the asset's function or mission.
IMPT_EFF_DATE	DATE	No	No	The effective date of the importance record.
IMPT_INEFF_DATE	DATE	No	No	The ineffective date of the importance record.

CAIS_SITE_INSPECTED_IUS

The basic unit of inspection in the condition assessment survey is the inspection unit. The inspection unit is normally a specific size or material of a selected component such as a panelboard, pump, or roof membrane. The inspectors make their observations based on these inspection units. This table stores all of the inspection units inspected by inspectors during their surveys.

Original CAIS 3.5 Source Table: CAIS_SITE_SVY_IUS

Column List

Name	Type	P	M	Description
IUU_KEY_SEQ (siu_key_seq)	NUMBER(38)	Yes	Yes	The key sequence number used as the primary key for the records in this table.
IUU_IU_KEY_SEQ (siu_iu_key_seq)	NUMBER(38)	No	Yes	The key of the standard inspection unit recorded as the item observed in the survey.
IUU_AS_KEY_SEQ	NUMBER(38)	No	No	The key of the asset to which the inspection unit belongs.
IUU_WBS_KEY_SEQ	NUMBER(38)	No	No	The key of the survey WBS to which this inspection unit belongs.
IUU_WLOC_KEY_SEQ	NUMBER(38)	No	No	This column is not used in CAIS

				2000.
IIU_TYPE_KEY_SEQ	NUMBER(10)	No	No	The key of the type of the IU.
IIU_INSP_ID	VARCHAR2(30)	No	No	The ID of the inspector performing the inspection
IIU_QTY (<i>siu_qty</i>)	NUMBER(8)	No	No	The number of IU's inspected.
IIU_OTHER_TYPE_DESC (<i>siu_other_type_desc</i>)	VARCHAR2(40)	No	No	The description of the IU type as recorded by the inspector after selecting "other" type. This usually indicates an inspection unit required by the inspector but not available in the standard IUs.
IIU_YEAR_INSTALLED (<i>siu_year_installed</i>)	NUMBER(4)	No	No	The year that the inspection unit was installed.
IIU_LAST_INSP_YEAR (<i>siu_late_insp_year</i>)	NUMBER(4)	No	No	The year in which the last inspection of the IU took place.
IIU_LIFE_WITH_REPAIR (<i>siu_life_with_repair</i>)	NUMBER(4)	No	No	The expected remaining life of the inspection unit, if it is repaired.
IIU_LIFE_WITHOUT_REPAIR (<i>siu_life_without_repair</i>)	NUMBER(4)	No	No	The expected remaining life of the inspection unit, if it is not repaired.
IIU_REPLACEMENT_QTY (<i>siu_replacement_qty</i>)	NUMBER(8)	No	No	The quantity of the inspection unit needed for replacement.
IIU_RECORD_DATE (<i>siu_record_date</i>)	DATE	No	No	The date that the inspection record was created.
IIU_LAST_INSP_DATE	DATE	No	No	The date on which the last inspection of the IU took place.
IIU_ISRC_KEY_SEQ	NUMBER(38)	No	No	The key of the inspection source for the inspected IU.
IIU_IMPT_CODE (<i>siu_imp_code</i>)	VARCHAR2(4)	No	No	The key of the importance code for the inspected IU.
IIU_ACCT_CODE (<i>siu_acc_code</i>)	VARCHAR2(4)	No	Yes	The key of the access code for the inspected IU.
IIU_SVCT_CODE (<i>siu_svc_code</i>)	VARCHAR2(4)	No	Yes	The key of the service code for the inspected IU.
IIU_STAT_CODE (<i>siu_sta_code</i>)	VARCHAR2(4)	No	Yes	The key of the status code for the inspected IU.
IIU_RPCT_CODE (<i>siu_rpc_code</i>)	VARCHAR2(3)	No	No	The key of the repair cause code for the inspected IU.
IIU_PRPD_CODE	VARCHAR2(2)	No	No	The key of the purpose code for the inspected IU.
IIU_RTSD_CODE	VARCHAR2(3)	No	No	The key of the repair task code associated with the inspected IU.
IIU_COND_CODE (<i>siu_cond_code</i>)	VARCHAR2(2)	No	No	The key of the condition code for the inspected IU.
IIU_DISC_CODE	VARCHAR2(3)	No	No	The key of the inspector discipline code for the inspected IU.
IIU_RPST_CODE (<i>siu_rts_code</i>)	VARCHAR2(3)	No	No	This column is not used by CAIS 2000.
IIU_RPSD_CODE (<i>siu_rps_code</i>)	VARCHAR2(3)	No	No	The key of the repair symptom code for the inspected IU.
IIU_EQ_KEY_SEQ	NUMBER(38)	No	No	This column is not currently used by CAIS 2000.
IIU_LOC_VALUE_1	VARCHAR2(256)	No	No	This column is not currently used by CAIS 2000.

IIU_LOC_VALUE_2	VARCHAR2(256)	No	No	This column is not currently used by CAIS 2000.
IIU_LOC_VALUE_3	VARCHAR2(256)	No	No	This column is not currently used by CAIS 2000.
IIU_LOC_VALUE_4	VARCHAR2(256)	No	No	This column is not currently used by CAIS 2000.
IIU_LOC_VALUE_5	VARCHAR2(256)	No	No	This column is not currently used by CAIS 2000.
IIU_CONDITION_FLAG (<i>siu_condition_flag</i>)	VARCHAR2(1)	No	No	A flag that specifies whether the IIU is "in condition." These IIU's are included in deficiency-based costing calculations.
IIU_EST_COST (<i>siu_insp_est_cost</i>)	NUMBER(8)	No	No	The inspector's estimated cost for repairing or replacing the inspection unit.
IIU_URGT_CODE (<i>siu_urg_code</i>)	VARCHAR2(2)	No	No	The key of the urgency code for the inspected IU.
IU_KEY_SEQ	NUMBER(10)	No	No	The key of the IU that is being inspected.
IIU_CSLT_CODE	VARCHAR2(10)	No	No	The key of the location code for the inspected IU.
IIU_OFFICIAL_COST	NUMBER(8)	No	No	The official cost of the IIU based on repair cost, replacement cost, or inspector estimate, depending on which costing method is appropriate.
IIU_COMMENT	VARCHAR2(500)	No	No	A comment associated with the IIU record.
EQUIPMENT_FIELD	VARCHAR2(50)	No	No	A field for tracking inventory that is associated with an IIU.
BASE_COST	NUMBER(12,3)	No	No	The base deficiency cost without adders.
GEOG_ADJ_COST	NUMBER(12,3)	No	No	The cost value associated with the geographical adjusters.
SITE_ADJ_COST	NUMBER(12,3)	No	No	The cost value associated with site adders.
WORK_ORDER_FIELD	VARCHAR2(25)	No	No	A field for storing a unique work order number.
DEF_MAINT_COST	NUMBER(12,3)	No	No	The deferred maintenance cost for the IIU.
REPAIR_COST	NUMBER(12,3)	No	No	The calculated repair cost.
REPLACE_COST	NUMBER(12,3)	No	No	The calculated replacement cost.
IIU_LAST_REMODELED_DATE	DATE	No	No	The date on which the IIU was last remodeled.
SDF_CODE	VARCHAR2(4)	No	No	The key to the site defined field table.

CAIS_SITE_LOCATION_TYPES

This table holds a standard list of locations for inspection units. Examples include asset-wide, interior, and exterior.

Column List

Name	Type	P	M	Description
CSLT_CODE	VARCHAR2(256)	Yes	Yes	The unique identifier for each location record.
CSLT_DESC	VARCHAR2(256)	No	No	The description of the location.
CSLT_WBS_DEFAULT	VARCHAR2(1)	No	No	A default location value for a particular WBS.
CSLT_IIU_DEFAULT	VARCHAR2(1)	No	No	A default value of location on the inspected IU screen.

CAIS_SITE_PURPOSES

This is a lookup table for standard repair purposes. Examples include maintenance, code violation, and security.

Column List

Name	Type	P	M	Description
PRPT_CODE	VARCHAR2(2)	Yes	Yes	The code used to uniquely identify a purpose lookup record.
PRPT_ORDER	NUMBER(4)	No	Yes	The order in which the purpose records should appear to the user.
PRPT_NAME	VARCHAR2(20)	No	No	A short description of the purpose for repairing specific inspection units.
PRPT_EFF_DATE	DATE	No	No	The effective date of the purpose record.
PRPT_INEFF_DATE	DATE	No	No	The ineffective date of the purpose record.

CAIS_SITE_REPAIR_CAUSES

This table holds the standard repair cause codes. The repair cause codes indicate primary reason an inspection unit requires repairs. Reasons may include normal wear-and-tear, improper use, and improper size.

Column List

Name	Type	P	M	Description
RPCT_CODE	VARCHAR2(3)	Yes	Yes	The code used to uniquely identify a repair cause lookup record.
RPCT_ORDER	NUMBER(4)	No	Yes	The order in which the repair cause records should appear to the user.
RPCT_NAME	VARCHAR2(40)	No	No	The order in which the repair cause records should appear to the user.
RPCT_EFF_DATE	DATE	No	No	The effective date of the repair cause.
RPCT_INEFF_DATE	DATE	No	No	The ineffective date of the repair cause.

CAIS_SITE_REPAIR_TASKS

This table holds the standard repair task codes. The repair task codes indicate work necessary to fix an inspection unit. Examples of repair tasks include patch and repaint, resurface, and overhaul.

Column List

Name	Type	P	M	Description
RTST_CODE	VARCHAR2(3)	Yes	Yes	The code used to uniquely identify a repair task lookup record.
RTST_ORDER	NUMBER(4)	No	Yes	The order in which the repair task records should appear to the user.
RTST_NAME	VARCHAR2(40)	No	No	A short description of the work required to fix an inspection unit.
RTST_EFF_DATE	DATE	No	No	The effective date of the repair task record.
RTST_INEFF_DATE	DATE	No	No	The ineffective date of the repair task record.

CAIS_SITE_SDF

This table holds information about a site-defined field in the CAIS 2000 application.

Column List

Name	Type	P	M	Description
SDF_CODE	VARCHAR2(4)	Yes	Yes	The key of the site-defined field table.
SDF_ORDER	NUMBER(4)	No	Yes	The order in which the record should appear.
SDF_DESC	VARCHAR2(30)	No	No	A description of the purpose if the site-defined field.
SDF_EFF_DATE	DATE	No	No	The date on which the SDF record became effective.
SDF_INEFF_DATE	DATE	No	No	The date on which the SDF record became ineffective.

CAIS_SITE_SERVICES

This table contains a standard list of service requirements for an inspection unit. Examples include continuous, intermittent, and emergency service.

Column List

Name	Type	P	M	Description
SVCT_CODE	VARCHAR2(4)	Yes	Yes	The unique code identifying the service description.
SVCT_ORDER	NUMBER(4)	No	Yes	The order in which the service appears.
SVCT_NAME	VARCHAR2(30)	No	No	The name of the service record.
SVCT_EFF_DATE	DATE	No	No	The date on which the service

				record became effective.
SVCT_INEFF_DATE	DATE	No	No	The date on which the service record became ineffective.

CAIS_SITE_SPEC_CONDS

The costs provided in CAS are based on a national average, adjusted for average differences in prices and rates across the country. Based on the nature of work in some assets, varying labor rates, and other considerations specific areas may require an adjustment to the cost. This can be accomplished by indicating special conditions under which the work must be performed for each site. This table holds the special repair condition codes for each site.

Column List

Name	Type	P	M	Description
SPC_CODE	VARCHAR2(2)	Yes	Yes	A code uniquely identifying a special repair condition.
SPC_ORDER	NUMBER(4)	No	Yes	The order in which the site special conditions should appear to the user.
SPC_DESC	VARCHAR2(30)	No	No	A textual description of the special condition.
SPC_EQUIPMENT_INDEX	NUMBER(15,3)	No	No	The cost multiplier for the site special condition that results from variations in equipment costs.
SPC_MATERIAL_INDEX	NUMBER(15,3)	No	No	The cost multiplier for the site special condition that results from variations in materials costs.
SPC_LABOR_INDEX	NUMBER(15,3)	No	No	The cost multiplier for the site special condition that results from variations in labor costs.
SPC_OVERHEAD_INDEX	NUMBER(15,3)	No	No	The cost multiplier for the site special condition that results from variations in overhead costs.
SPC_TOTAL_INDEX	NUMBER(15,3)	No	No	The sum of all site special condition multipliers.
SPC_EFF_DATE	DATE	No	No	The effective date of the site special condition.
SPC_INEFF_DATE	DATE	No	No	The ineffective date of the site special condition.

CAIS_SITE_STATUSES

This is a lookup table for standard status codes.

Column List

Name	Type	P	M	Description
STAT_CODE	VARCHAR2(4)	Yes	Yes	The code used to uniquely identify a status lookup record.
STAT_ORDER	NUMBER(4)	No	Yes	The order in which the status

				records should appear to the user.
STAT_NAME	VARCHAR2(30)	No	No	A short description of the status for individual inspection units as related to the current survey.
STAT_EFF_DATE	DATE	No	No	The effective date of the status code record.
STAT_INEFF_DATE	DATE	No	No	The ineffective date of the status code record.

CAIS_SITE_SVY_DEFS

This table stores deficiencies that are entered by the user.

Column List

Name	Type	P	M	Description
SDEF_KEY_SEQ	NUMBER(38)	Yes	Yes	The unique identifier for each deficiency record entered by the user.
SDEF_DEF_DEFG_CODE	VARCHAR2(7)	No	Yes	The key of the deficiency group associated with the deficiency record.
SDEF_DEF_CODE	VARCHAR2(2)	No	Yes	The key of the standard deficiency associated with the deficiency record.
SDEF_IIU_KEY_SEQ	NUMBER(38)	No	Yes	The key of the inspected IU that the deficiency has been assigned to.
SDEF_LIGHT_VALUE	VARCHAR2(3)	No	No	The percentage of the inspected IU suffering from light damage.
SDEF_MODERATE_VALUE	VARCHAR2(3)	No	No	The percentage of the inspected IU suffering from moderate damage.
SDEF_SEVERE_VALUE	VARCHAR2(3)	No	No	The percentage of the inspected IU suffering from severe damage.
SDEF_FAIL_VALUE	VARCHAR2(3)	No	No	The percentage of the inspected IU that is failing.
SDEF_NSIP_IND	VARCHAR2(3)	No	No	Indicates if a nonstandard inspection procedure (NSIP) was used.
SDEF_RECORD_DATE	DATE	No	No	The date that the deficiency record became active.
SDEF_RECORD_TIME	VARCHAR2(8)	No	No	The time that the deficiency record became active.

CAIS_SITE_URGENCIES

This table holds the standard urgency codes for CAIS 2000.

Column List

Name	Type	P	M	Description
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URGT_CODE	VARCHAR2(2)	Yes	Yes	The code used to uniquely identify an urgency lookup record.
URGT_ORDER	NUMBER(4)	No	No	The order in which the urgency records should appear to the user.
URGT_EFF_DATE	DATE	No	No	The effective date of the urgency record.
URGT_INEFF_DATE	DATE	No	No	The ineffective date of the urgency record.
URGT_YEAR	NUMBER(4)	No	No	The number of years from the date of the observation within which the repairs ought to be made to an IU. This is the numerical representation of the urgency name.
URGT_NAME	VARCHAR2(20)	No	No	A short description of the time period within which the deficiencies ought to be corrected.

CAIS_SITES

The process of promoting assets to the operations offices requires the identification of the site promoting the assets. This table contains information about each of the sites.

Original CAIS 3.5 Source Table: CAIS_SITE_SITES

Column List

Name	Type	P	M	Description
CSIT_ID (site_id)	NUMBER(5)	Yes	Yes	The code used to uniquely identify a site record.
CSIT_ORDER (site_order)	NUMBER(4)	No	No	An alternate identifier for the site. This normally corresponds with the primary FIMS installation number for the site.
CSIT_ADDRESS_1 (site_address_line_1)	VARCHAR2(30)	No	No	The order in which the sites should be presented to the user.
CSIT_ADDRESS_2 (site_address_line_2)	VARCHAR2(30)	No	No	The first line of the site's address.
CSIT_MNEUMONIC (site_mnemonic)	VARCHAR2(6)	No	No	The second line of the site's address.
CSIT_ZIP_CODE (site_zip_code)	VARCHAR2(10)	No	No	The site's zip code.
CSIT_STE_ABBR (site_ste_abbr)	VARCHAR2(2)	No	No	The common acronym or initials used to identify the site.
CSIT_NAME (site_name)	VARCHAR2(20)	No	No	The abbreviation of the state in which the site lies.
CSIT_CITY (site_city)	VARCHAR2(25)	No	No	The name of the site.
CSIT_FLD_CODE (site_fld_code)	VARCHAR2(2)	No	No	The city used in the site's address.
CSIT_REF_CSIT_KEY_SEQ	NUMBER(38)	No	No	This column is not currently used by CAIS 2000.

CAIS_SPEC_CONDS_APPLIED

This table stores special conditions that the user associates with an individual site, asset, area, or IU.

Column List

Name	Type	P	M	Description
SPC_CODE	VARCHAR2(2)	No	Yes	An alphanumeric code identifying the special condition.
SPC_TYPE	CHAR(4)	No	Yes	A character code that indicates what type of item the special condition applies to: site, area, asset, or IU.
SPC_KEY	NUMBER(9)	Yes	Yes	The key sequence of the site, area, asset, or IU that on which the special condition is placed.

CAIS_STD_COMP_DEFGS

Column List

Name	Type	P	M	Description
CPDG_COMP_KEY_SEQ	NUMBER(38)	Yes	Yes	The key of the component to which this deficiency group applies.
CPDG_DEFG_CODE	VARCHAR2(7)	Yes	Yes	The unique identifier for the deficiency group.
CPDG_WEIGHT	NUMBER(5,3)	No	No	The weight this deficiency group carries compared to all other deficiency groups for a particular component.
CPDG_EFF_DATE	DATE	No	No	The date that the component deficiency group record became effective.
CPDG_INEFF_DATE	DATE	No	No	The date that the component deficiency group record became ineffective.

CAIS_STD_COMP_DEFS

Column List

Name	Type	P	M	Description
CDEF_COMP_KEY_SEQ	NUMBER(38)	Yes	Yes	The key of the component to which the deficiency applies.
CDEF_DEF_DEFG_CODE	VARCHAR2(7)	Yes	Yes	The key of the deficiency group to which the deficiency belongs.
CDEF_DEF_CODE	VARCHAR2(2)	Yes	Yes	The unique identifier for the deficiency.
CDEF_COST_WEIGHT	NUMBER(8,5)	No	Yes	The weight this deficiency carries compared to all other deficiencies for a particular component.
CDEF_EFF_DATE	DATE	No	No	The date that the component

				deficiency record became effective.
CDEF_INEFF_DATE	DATE	No	No	The date that the component deficiency record became ineffective.

CAIS_STD_COMPONENTS

All observations concerning condition made during CAS surveys apply to items called inspection units, or IUs. These inspection units consist of a low-level general component, such as a panelboard, pump, or roof membrane, and a more detailed type describing the component usually in terms of its size, capacity, or materials. This table contains all of the components defined for CAS.

Column List

Name	Type	P	M	Description
COMP_KEY_SEQ	NUMBER(38)	Yes	Yes	A unique sequence number serving as the key to the records in this table.
COMP_MMF_PREFIX	VARCHAR2(1)	No	Yes	The first part of a four part numbering convention used to identify components.
COMP_MMF_1	VARCHAR2(3)	No	Yes	The second part of a four part numbering convention used to identify components.
COMP_MMF_2	VARCHAR2(3)	No	Yes	The third part of a four part numbering convention used to identify components.
COMP_MMF_SUFFIX	VARCHAR2(3)	No	Yes	The fourth part of a four part numbering convention used to identify components.
COMP_CLVL_LVL	VARCHAR2(4)	No	Yes	Indicates whether the component is a distinct unit or an assembly of multiple items.
COMP_DESC	VARCHAR2(40)	No	No	A short description of the component.
COMP_CSI_CODE	VARCHAR2(5)	No	No	The Construction Services Institute code associated with this component.
COMP_UM_ABBR	VARCHAR2(12)	No	Yes	The units used to record the size or quantity of this component.
COMP_INSP_INTERVAL	NUMBER(3)	No	No	The recommended number of years between inspections of this component.
COMP_EFF_DATE	DATE	No	No	The date on which this component became effective, or available to the inspectors.
COMP_INEFF_DATE	DATE	No	No	The date on which this component becomes ineffective, or unavailable to the inspectors.

CAIS_STD_CONDITIONS

This table holds the ATSO-developed overall condition codes.

Column List

Name	Type	P	M	Description
COND_CODE	VARCHAR2(2)	Yes	Yes	The code used to uniquely identify an overall condition lookup record.
COND_DESC	VARCHAR2(30)	No	No	A short description of the overall condition of the IU.
COND_PCT	NUMBER(3)	No	No	The percentage of the entire IU that is considered deficient when the user selects this overall condition.
COND_ORDER	NUMBER(4)	No	Yes	The order in which the overall condition records should appear to the user.

CAIS_STD_CUSTODY_CODES

To more fully describe an asset, a site may assign custody codes to it. These codes correspond to custodial titles, the values of which may be created by the site. For example, a custody code of "FM" might indicate a facility manager. When this code is assigned to an asset, the name of the facility manager may be entered as part of the asset's identifying information. This table holds the standard custody codes which may be assigned to assets.

Column List

Name	Type	P	M	Description
CUCD_CODE	VARCHAR2(2)	Yes	Yes	A code uniquely identifying a custodial title.
CUCD_DESC	VARCHAR2(15)	No	No	The name of the custodial title.

CAIS_STD_DEF_GROUPS

Deficiencies are gathered into groups according based on the general type of component to which they apply. These groups help the inspector by shortening the list of deficiencies and by targeting specific portions of the inspection unit. This table contains the list of deficiency groups.

Column List

Name	Type	P	M	Description
DEFG_CODE	VARCHAR2(7)	Yes	Yes	The code uniquely identifying the deficiency group, serving as the key to this table.
DEFG_DESC	VARCHAR2(40)	No	No	A description of the deficiency group.
DEFG_INEFF_DATE	DATE	No	No	The date on which the deficiencies in this group become ineffective, or unavailable to the inspectors.
DEFG_EFF_DATE	DATE	No	No	The date on which the deficiencies in this group became effective, or available to the inspectors.

CAIS_STD_DEFICIENCIES

To standardize the inspection information CAS has a list of possible deficiencies. These deficiencies, when attached to components, comprise the list of all possible deficiencies to record for individual inspection units. This table contains all of the deficiencies defined in CAS.

Original CAIS 3.5 Source Table: CAIS_STD_DEFICIENCIES

Column List

Name	Type	P	M	Description
DEF_DEFG_CODE (def_defg_code)	VARCHAR2(7)	Yes	Yes	The key of the deficiency group to which this deficiency belongs.
DEF_CODE (def_code)	VARCHAR2(2)	Yes	Yes	A code uniquely identifying this deficiency within its deficiency group.
DEF_DESC_1 (def_desc_1)	VARCHAR2(40)	No	No	The first line of a two-line description of the deficiency.
DEF_DESC_2 (def_desc_2)	VARCHAR2(40)	No	No	The second line of a two-line description of the deficiency.
DEF_ORDER (def_order)	NUMBER(4)	No	No	The order in which this deficiency should appear in a list of deficiencies within the selected deficiency group.
DEF_LIGHT_DEFAULT (def_light_default)	VARCHAR2(3)	No	No	The default value for light coverage of this deficiency. Used primarily to indicate that it is inappropriate to record light severity for an individual deficiency.
DEF_MODERATE_DEFAULT (def_moderate_default)	VARCHAR2(3)	No	No	The default value for moderate coverage of this deficiency. Used primarily to indicate that it is inappropriate to record moderate severity for an individual deficiency.
DEF_SEVERE_DEFAULT (def_severe_default)	VARCHAR2(3)	No	No	The default value for severe coverage of this deficiency. Used primarily to indicate that it is inappropriate to record severe severity for an individual deficiency.
DEF_FAIL_DEFAULT (def_fail_default)	VARCHAR2(3)	No	No	The default value for fail coverage of this deficiency. Used primarily to indicate that it is inappropriate to record fail severity for an individual deficiency.
DEF_WEIGHT (def_weight)	NUMBER(5,3)	No	Yes	The weight this deficiency carries relative to all of the deficiencies within the same deficiency group.
DEF_EFF_DATE (def_eff_date)	DATE	No	No	The date on which this deficiency became effective, or available to the inspectors.
DEF_INEFF_DATE (def_ineff_date)	DATE	No	No	The date on which this deficiency becomes ineffective, or

				unavailable to the inspectors.
DEF_TEXT (def_text)	LONG	No	No	A long, textual description of this deficiency.

CAIS_STD_DEFICIENCY_TEXT

Column List

Name	Type	P	M	Description
DEFT_ORDER	NUMBER(4)	Yes	Yes	The order in which the deficiency text appears.
DEFT_DEF_DEFG_CODE	VARCHAR2(7)	Yes	Yes	The key of the standard deficiency group to which the deficiency text belongs.
DEFT_DEF_CODE	VARCHAR2(2)	Yes	Yes	A unique identifier for each deficiency text record.
DEFT_TEXT	VARCHAR2(70)	No	No	The text of the deficiency.
DEFT_EFF_DATE	DATE	No	No	The date that the deficiency text record became effective.
DEFT_INEFF_DATE	DATE	No	No	The date that the deficiency text record became ineffective.

CAIS_STD_DESC_CODES

To more fully describe an asset, a site may assign description codes to it. These codes correspond to descriptive information, the values of which may be created by the site. For example, a description code of "A1" might indicate the first line of an address. When this code is assigned to an asset, the first line of the asset's address may be entered as part of the asset's identifying information. This table holds the standard description codes which may be assigned to assets.

Column List

Name	Type	P	M	Description
DSCD_CODE	VARCHAR2(2)	Yes	Yes	A code uniquely identifying a description.
DSCD_DESC	VARCHAR2(25)	No	No	The name of the description.

CAIS_STD_DISCIPLINES

All work breakdown structure entries belong to a construction/inspection discipline. The inspectors also identify their primary discipline at the beginning of each survey. The discipline indicates the broad category of craft or type of construction such as architectural, mechanical, or electrical.

Column List

Name	Type	P	M	Description
DISC_CODE	VARCHAR2(3)	Yes	Yes	The code uniquely identifying the discipline.
DISC_DESC	VARCHAR2(30)	No	No	The name of the discipline, describing the broad category of responsibilities.

CAIS_STD_GEO_ADJUSTERS

The geographic adjusters table contains the list of all geographic adjusters. The sites relate these adjusters to their areas. Then, costing uses the adjusters to modify the cost appropriately for the geographic location of the area.

Column List

Name	Type	P	M	Description
GADJ_KEY_SEQ	NUMBER(38)	Yes	Yes	The key sequence number used as the primary key for the records in this table.
GADJ_STATE	VARCHAR2(15)	No	Yes	The name of the state that contains the city for which the adjusters are based.
GADJ_CITY	VARCHAR2(20)	No	Yes	The name of the city for which the adjusters are based.
GADJ_LABOR	NUMBER(5,2)	No	Yes	The geographic adjuster for labor.
GADJ_MATERIAL	NUMBER(5,2)	No	Yes	The geographic adjuster for material.
GADJ_EQUIPMENT	NUMBER(5,2)	No	Yes	The geographic adjuster for equipment.
GADJ_OVERHEAD	NUMBER(5,2)	No	Yes	The geographic adjuster for overhead and profit.
GADJ_TOTAL	NUMBER(5,2)	No	Yes	The geographic adjuster for the total.

CAIS_STD_IUS

All observations concerning condition made during CAS surveys apply to items called inspection units, or IUs. These inspection units consist of a low-level general component, such as a panelboard, pump, or roof membrane, and a more detailed type describing the component usually in terms of its size, capacity, or materials. This table contains all of the IUs defined for CAS.

Column List

Name	Type	P	M	Description
IU_KEY_SEQ	NUMBER(38)	Yes	Yes	A unique sequence number used as the key to the IUs in this table.
IU_COMP_KEY_SEQ	NUMBER(38)	No	Yes	The key of the component record used to create this IU.
IU_TYPE_KEY_SEQ	NUMBER(38)	No	Yes	The key of the type record used to create this IU.
IU_EFF_DATE	DATE	No	Yes	The date on which this IU became effective, or available to the inspectors.
IU_INEFF_DATE	DATE	No	Yes	The date on which this IU becomes ineffective, or no longer available to the inspectors.
IU_TYPE_ORDER	NUMBER(4)	No	No	The order in which the type should be displayed to users.

CAIS_STD_MMF_PREFIXES

This is a lookup table for prefixes used in the MMF naming convention for components.

Column List

Name	Type	P	M	Description
MMF_PREFIX	VARCHAR2(1)	Yes	Yes	A prefix for the MMF naming convention for components.
MMF_DESC	VARCHAR2(30)	No	No	A description of the meaning of the prefix.

CAIS_STD_MODEL_TYPE

This table contains the standard RS-Means categories for facilities models. Examples include Hospital, School, and Shipping Facility.

Column List

Name	Type	P	M	Description
MT_CODE	VARCHAR2(6)	Yes	Yes	A code that uniquely identifies the model type.
MT_DESC	VARCHAR2(30)	No	No	A more specific description of the model type than the MT_LABEL.
MT_SQFTCOST	NUMBER(9)	No	No	The cost per square foot of the model type.
MT_LABEL	VARCHAR2(50)	No	No	A general description of the model type.

CAIS_STD_REPAIR_SYMPTS

This table holds the standard repair symptom codes. The repair symptom codes describe the reason the inspector suspects an inspection unit is deficient. Examples of repair tasks include thumping and whining.

Column List

Name	Type	P	M	Description
RPST_CODE	VARCHAR2(3)	Yes	Yes	The code used to uniquely identify a repair symptom lookup record.
RPST_ORDER	NUMBER(4)	No	Yes	The order in which the repair symptom records should appear to the user.
RPST_NAME	VARCHAR2(40)	No	No	A short description of the indications that the inspection unit is deficient.
RPST_EFF_DATE	DATE	No	No	The effective date of the repair symptom.
RPST_INEFF_DATE	DATE	No	No	The ineffective date of the repair symptom.

CAIS_STD_RPV_RATIO

This table contains the information necessary for calculating summary condition information based on model type.

Column List

Name	Type	P	M	Description
RPVR_SVOL_CODE	NUMBER(3)	Yes	Yes	The key of the volume (WBS) to which the ratio.
RPVR_MT_CODE	VARCHAR2(6)	No	Yes	The key of the model type to which the RPV Ratio record applies.
RPVR_RATIO	NUMBER(5)	No	No	A multiplier used in generating summary condition information.
RPVR_CRITICALITY	NUMBER(5)	No	No	A multiplier used in generating summary condition information.
RPVR_OCCURANCE	NUMBER(5)	No	No	A multiplier used in generating summary condition information.

CAIS_STD_SERVICES

This table holds the standard service codes.

Column List

Name	Type	P	M	Description
SVCD_CODE	VARCHAR2(4)	No	Yes	The code used to uniquely identify a service lookup record.
SVCD_NAME	VARCHAR2(30)	No	No	A short description of the continuity of service provided by the IU. For example, the IU may be used continuously, as a backup, or for emergencies only.
SVCD_ORDER	NUMBER(4)	No	Yes	The order in which the service records should appear to the user.

CAIS_STD_SPECIAL_CONDS

This is a lookup table for the special condition indexes. It contains thirteen standard special conditions, with equipment, material, labor, and overhead adjustment factors for each. Example of special conditions include relocation expenses, priority scheduling, and hazardous/toxic exposure.

Column List

Name	Type	P	M	Description
SPC_CODE	VARCHAR2(2)	No	Yes	An alphanumeric code that identifies the special condition.
SPC_ORDER	NUMBER(4)	No	Yes	The order in which the special condition appears.
SPC_DESC	VARCHAR2(30)	No	Yes	A verbal description of the special

				condition.
SPC_EQUIPMENT_INDEX	NUMBER(10,3)	No	No	A cost adjustment value for equipment.
SPC_MATERIAL_INDEX	NUMBER(10,3)	No	No	A cost adjustment value for material.
SPC_LABOR_INDEX	NUMBER(10,3)	No	No	A cost adjustment value for labor.
SPC_OVERHEAD_INDEX	NUMBER(10,3)	No	No	A cost adjustment value for overhead.
SPC_TOTAL_INDEX	NUMBER(10,3)	No	No	This column is not currently used by CAIS 2000.
SPC_EFF_DATE	DATE	No	No	The effective date of the special condition record.
SPC_INEFF_DATE	DATE	No	No	The ineffective date of the special condition record.

CAIS_STD_CONDITIONS

This table holds the standard overall condition codes.

Column List

Name	Type	P	M	Description
COND_CODE	VARCHAR2(2)	Yes	Yes	The code used to uniquely identify an overall condition lookup record.
COND_DESC	VARCHAR2(30)	No	No	A short description of the overall condition of the IU.
COND_PCT	NUMBER(3)	No	No	The percentage of the entire IU that is considered deficient when the user selects this overall condition.
COND_ORDER	NUMBER(4)	No	Yes	The order in which the overall condition records should appear to the user.

CAIS_STD_TYPE_COSTS

CAIS 2000 performs costing at the inspection unit level, with the unit costs provided by the type record used to create the IU. This table contains all of the unit costs for each of the CAS "types".

Column List

Name	Type	P	M	Description
TYCT_KEY_SEQ	NUMBER(38)	Yes	Yes	A unique sequence number serving as the key to the records in this table.
TYCT_TYPE_KEY_SEQ	NUMBER(38)	Yes	Yes	The key of the type record to which these unit costs belong.
TYCT_UM_ABBR	VARCHAR2(12)	No	No	The units used to express the

				associated costs. These units match the units used by the inspectors to measure the IU quantities.
TYCT_LABOR_COST	NUMBER(15,3)	No	No	The labor unit cost.
TYCT_MATERIAL_COST	NUMBER(15,3)	No	No	The material unit cost.
TYCT_EQUIPMENT_COST	NUMBER(15,3)	No	No	The equipment unit cost.
TYCT_OVERHEAD_COST	NUMBER(15,3)	No	No	The overhead and profit unit cost.
TYCT_TOTAL_COST	NUMBER(15,3)	No	No	The total unit cost.
TYCT_EFF_DATE	DATE	No	No	The date on which these unit costs became effective, or available to the costing process.
TYCT_INEFF_DATE	DATE	No	No	The date on which these unit costs become ineffective, or unavailable to the costing process.

CAIS_STD_TYPES

All observations concerning condition made during CAS surveys apply to items called inspection units, or IUs. These inspection units consist of a low-level general component, such as a panelboard, pump, or roof membrane, and a more detailed type describing the component usually in terms of its size, capacity, or materials. This table contains all of the types defined for CAS.

Original CAIS 3.5 Source Table: CAIS_STD_TYPES

Column List

Name	Type	P	M	Description
TYPE_KEY_SEQ (type_key_seq)	NUMBER(38)	Yes	Yes	A unique sequence number serving as the key to the records in this table.
TYPE_MMF_PREFIX (type_mmf_prefix)	VARCHAR2(1)	No	Yes	The first part of a five part numbering convention used to identify types.
TYPE_MMF_1 (type_mmf_1)	VARCHAR2(3)	No	Yes	The second part of a five part numbering convention used to identify types.
TYPE_MMF_2 (type_mmf_2)	VARCHAR2(3)	No	Yes	The third part of a five part numbering convention used to identify types.
TYPE_MMF_3 (type_mmf_3)	VARCHAR2(4)	No	Yes	The fourth part of a five part numbering convention used to identify types.
TYPE_MMF_SUFFIX (type_mmf_suffix)	VARCHAR2(3)	No	Yes	The fifth part of a five part numbering convention used to identify types.
TYPE_NAME (type_name)	VARCHAR2(40)	No	No	A short description of the type.
TYPE_DESC_1 (type_desc_1)	VARCHAR2(35)	No	No	The first of two lines of description for the IU.
TYPE_DESC_2 (type_desc_2)	VARCHAR2(35)	No	No	The second of two lines of description for the IU.
TYPE_CSI_CODE	VARCHAR2(5)	No	No	The Construction Services

(type_csi_code)				Institute code associated with this type.
TYPE_INEFF_DATE (type_ineff_date)	DATE	No	No	The date on which this type becomes ineffective, or unavailable to the inspectors.
TYPE_EFF_DATE (type_eff_date)	DATE	No	No	The date on which this type became effective, or available to the inspectors.
TYPE_TEXT (type_text)	VARCHAR2(2000)	No	No	A long, textual description of this type.

CAIS_STD_USE_CODES

This table should be modified to refer to assets, not asset classes.

This table holds the standard use codes from FIMS.

Original CAIS 3.5 Source Table: CAIS_STD_USE_CODES

Column List

Name	Type	P	M	Description
UC_AC_CODE (uc_ac_code)	VARCHAR2(2)	Yes	Yes	This column refers to the asset class code and will have to be modified to refer to the key of the asset code.
UC_CODE (uc_code)	VARCHAR2(4)	Yes	Yes	The FIMS use code.
UC_NAME (uc_name)	VARCHAR2(50)	No	Yes	The name of the use code.
UC_ORDER (uc_order)	NUMBER(4)	No	No	The order in which the use code appears.
UC_DESC (uc_desc)	LONG	No	No	The description of the FIMS use code.

CAIS_STD_VOL

This table contains the 12 standard RS-Means volumes.

Column List

Name	Type	P	M	Description
SVOL_CODE	NUMBER(3,1)	Yes	Yes	The unique number that identifies each RS-Means volume.
SVOL_DESC	VARCHAR2(40)	No	No	The name of the volume.
SVOL_FSVOL_CODE	NUMBER(2)	No	No	This column is not used by CAIS 2000.

CAIS_STD_WBS

All of the standard inspection items fall under a classification structure called the work breakdown structure (WBS). This structure provides a logical means for inspectors to find the standard inspection units, components and types, and for reporting and summarizing information from CAIS 2000. This table contains all of the standard WBS entries.

Column List

Name	Type	P	M	Description
WBS_KEY_SEQ	NUMBER(38)	Yes	Yes	A sequence number that uniquely identifies each WBS entry in the table.
WBS_LVL1_CODE	VARCHAR2(2)	No	Yes	The first of six codes that comprise the standard DOE coding structure for WBS entries. Together these codes uniquely identify each WBS entry.
WBS_LVL2_CODE	VARCHAR2(2)	No	Yes	The second of six codes that comprise the standard DOE coding structure for WBS entries. Together these codes uniquely identify each WBS entry.
WBS_LVL3_CODE	VARCHAR2(2)	No	Yes	The third of six codes that comprise the standard DOE coding structure for WBS entries. Together these codes uniquely identify each WBS entry.
WBS_LVL4_CODE	VARCHAR2(2)	No	Yes	The fourth of six codes that comprise the standard DOE coding structure for WBS entries. Together these codes uniquely identify each WBS entry.
WBS_LVL5_CODE	VARCHAR2(2)	No	Yes	The fifth of six codes that comprise the standard DOE coding structure for WBS entries. Together these codes uniquely identify each WBS entry.
WBS_LVL6_CODE	VARCHAR2(2)	No	Yes	The sixth of six codes that comprise the standard DOE coding structure for WBS entries. Together these codes uniquely identify each WBS entry.
WBS_DISC_CODE	VARCHAR2(3)	No	Yes	The code identifying the construction/inspection discipline under which the WBS entry belongs.
WBS_CSI_CODE	VARCHAR2(5)	No	No	The Construction Services Institute code that corresponds with the WBS entry.
WBS_DESC	VARCHAR2(42)	No	No	Description, or name, of the WBS entry.
WBS_EFF_DATE	DATE	No	No	The date on which the WBS entry became effective, or available to the inspectors.
WBS_INEFF_DATE	DATE	No	No	The date on which the WBS entry becomes ineffective, or no longer available for use.

CAIS_STD_WBS_COMPS

The WBS helps focus the inspector's observation by limiting the list of available components. This table contains all of the components associated with each WBS.

Column List

Name	Type	P	M	Description
WBSC_COMP_KEY_SEQ	NUMBER(38)	Yes	Yes	The key of the WBS to which components are assigned.
WBSC_WBS_KEY_SEQ	NUMBER(38)	Yes	Yes	The key of the component assigned to the selected WBS.
WBSC_COMP_ORDER	NUMBER(4)	No	No	The order in which the components should presented within each WBS.
WBSC_EFF_DATE	DATE	No	Yes	The date on which this relationship became effective, or available to the inspectors.
WBSC_INEFF_DATE	DATE	No	No	The date on which this relationship became ineffective, or unavailable to the inspectors.

CAIS_STD_WBS_LVL1S

The highest level of the WBS numbering convention corresponds to the volume number of the CAS standards manuals that define the WBS. This table contains all of these volume numbers.

Column List

Name	Type	P	M	Description
LVL1_CODE	VARCHAR2(2)	Yes	Yes	The WBS volume number.
LVL1_DESC	VARCHAR2(40)	No	No	The title of the WBS volume.

CAIS_SUMMARY_COND

This is a working table for storing the calculations from the summary condition screen.

Column List

Name	Type	P	M	Description
AS_KEY_SEQ	NUMBER(12)	No	No	The key of the asset for which the summary condition is being calculated.
SVOL_CODE	NUMBER(3,1)	No	No	The standard volume.
BASE_COST	NUMBER(12)	No	No	The base cost.
OFFICIAL_COST	NUMBER(12)	No	No	The official cost.
WBS_COST	NUMBER(12)	No	No	The portion of the cost associated with a particular WBS.
BASE_DEF_COST	NUMBER(12)	No	No	The base deferred cost.

DEF_MAINT_COST	NUMBER(12)	No	No	The deferred maintenance cost.
FCI_PCT	NUMBER(8,3)	No	No	The FCI percentage.
GEOG_ADJ_COST	NUMBER(12)	No	No	Cost associated with geographical adjustments.
SITE_ADJ_COST	NUMBER(12)	No	No	The site cost adjustor.
RPVR_MT_CODE	VARCHAR2(6)	No	No	The model type code.
RPVR_RATIO	NUMBER(5,4)	No	No	The RPV ratio.
COND_SUM_DESC	VARCHAR2(50)	No	No	The condition summary description value.
RPV_VALUE	NUMBER(14)	No	No	The replacement value.
PERSON_ID	NUMBER(8)	No	No	The unique ID of the user requesting the summary condition information.

CAIS_USERS

This table holds information about users of the CAIS 2000 application and associates roles with particular users.

Column List

Name	Type	P	M	Description
USER_SEQ	NUMBER(5)	Yes	Yes	The unique identifier for the inspector. This can be any set of characters, but is usually the inspector's initials, badge number, or employee number.
USER_NAME	VARCHAR2(30)	No	Yes	The user's login ID.
FIRST_NAME	VARCHAR2(30)	No	No	The user's first name.
LAST_NAME	VARCHAR2(30)	No	Yes	The user's last name.
MIDDLE_NAME	VARCHAR2(30)	No	No	The user's middle name.
ROLE_SEQ	NUMBER(5)	No	Yes	The key of the role assigned to the user in a given record.
ACTIVE_FLAG	CHAR(1)	No	Yes	A code that indicates whether the user account is active or disabled.

CAIS tables that are not used in version CAIS 2000 Version 1.0 but are include in the database for host historical data.

CAIS 2000 Table

CAIS_WBS_LOCATION_COMMENTS
CAIS_WBS_LOCATIONS
CAIS_WLOC_COMMENT_TYPES
CAIS_SITE_SVY_DEFS
CAIS_SITE_SVY_SDEF_COMMENTS
CAIS_SITE_SVY_SIU_PURPOSES
CAIS_SITE_SVY_SIU_WORK_ORDERS
CAIS_SITE_AC_CUSTODY
CAIS_SITE_AC_DESCS
CAIS_SITE_AC_DIMS
CAIS_SITE_AS_DESCS
CAIS_SITE_AS_DIMS
CAIS_SITE_ATTRIBS
CAIS_SITE_CCA_COSTS
CAIS_SITE_CCAS
CAIS_SITE_CUSTODY_CODES
CAIS_SITE_DESC_CODES
CAIS_SITE_DIM_CODES
CAIS_SITE_DUTIES
CAIS_SITE_EQ_GROUPS

Original CAIS 3.5 Table

CAIS_SITE_SVY_SWBS_COMMENTS
CAIS_SITE_LOCATIONS
CAIS_SITE_SVY_SWBS_COMMENTS
CAIS_SITE_SVY_DEFS
CAIS_SITE_SVY_SDEF_COMMENTS
CAIS_SITE_SVY_SIU_PURPOSES
CAIS_SITE_SVY_SIU_WORK_ORDERS
CAIS_SITE_AC_CUSTODY
CAIS_SITE_AC_DESCS
CAIS_SITE_AC_DIMS
CAIS_SITE_AS_DESCS
CAIS_SITE_AS_DIMS
CAIS_SITE_ATTRIBS
CAIS_SITE_CCA_COSTS
CAIS_SITE_CCAS
CAIS_SITE_CUSTODY_CODES
CAIS_SITE_DESC_CODES
CAIS_SITE_DIM_CODES
CAIS_SITE_DUTIES
CAIS_SITE_EQ_GROUPS